1032

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/954,936

DATE: 01/07/2002 TIME: 14:47:57

2 3 4	<110>	Gopa McKe Mont	alakı enna, teggi	rishn , Dav la, I	nan, vid (Lisa	Mura 3.		c A.			F	N'	TF	= [₹F	: D)	
5 6			h, Je Livar			מ							<u> </u>	sm	<i>d</i> ====			
7			na, I			Ρ,												
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14	<150>	PRIC	OR AI	PLIC	CATIO	ON NO	JMBEI	র: ০গ	B/77	1,73	7							
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28 29				Met 1	Arg	у Суя	s Sei	r Pro	o Gly	y Gly	y Va.	l Tr			a Lei	ı Ala	a Ala	
30		tct	ctc	_	cac	at.a	t.cc	ct.a	caa	aac	σασ	ttc	10 cag	-	ааσ	ctt	tac	98
31		Ser	Leu	Leu	His	Val	Ser	Leu	Gln	Gly	Glu	Phe	Gln	Arg	Lys	Leu	Tyr	50
32		15					20					25					30	
33 34									aat									146
35		гуз	GIU	reu	Val	цуS 35	ASII	туг	Asn	PIO	40	GIU	Arg	Pro	vaı	A1a 45	Asn	
36		gac	tcg	caa	cca		acc	gtc	tac	ttc		ctg	agc	ctc	ctq		atc	194
37					${\tt Pro}$				Tyr	Phe								
38					50					55					60			
39 40									caa Gln									242
41		Mec	usb	65	чэр	GIU	цуз	voli	70	Val	neu	1111	1111	75	TTE	пр	Leu	
42		caa	atg		tgg	aca	gat	cac	tat	tta	cag	tgg	aat		tca	gaa	tat	290
43			Met					His	Tyr				Asn					
44			80					85					90					
45 46		Pro	999 Glv	y cg Val	Lvs	Thr	y c c Val	Ara	ttc Phe	Pro	gat	ggc Glv	Gln	att Tle	Trn	aaa	cca Pro	338
47		95	1		~10		100	9		- 10		105	O-111			פעה	110	
48		gac	att	ctt	ctc	tat	aac	agt	gct	gat	gag	cgc	ttt	gac	gcc	aca		386

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51	cac	act	aac	ata	ttg	ata	aat	tot	tat		cat	+ ~ ~	C = C	+ = 0	-	aat	434
52																	434
	nis	1111	ASII		Leu	Val	ASII	ser		СТА	HIS	Cys	GII	_	Leu	Pro	
53				130					135					140			
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57	ttt	gat	gtg	cag	cac	tgc	aaa	ctg	aag	ttt	qqq	tcc	tgg	tct	tac	qqa	530
58					His												
59		160				-	165		•		-	170			-1-	1	
60	aac		tcc	ttα	gat	cta		ato	cad	αaα	aca		ato	ant	aaa	tat	578
61					Asp												370
62	175	115	561	neu	rsb	180	GIII	Mec	GIII	GIU		ASP	TTE	ser	GIY	_	
			+					_4_			185					190	
63					gaa												626
64	тте	Pro	Asn	GTA	Glu	Trp	Asp	Leu	Val		Ile	Pro	GTA	Lys		Ser	
65					195					200					205		
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67	Glu	Arg	Phe	Tyr	Glu	Cys	Cys	Lys	Glu	Pro	Tyr	Pro	Asp	Val	Thr	Phe	
68				210					215					220			
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70					Arg												
71			225		-	_		230		_	4		235				
72	atc	ccc		ata	ctc	atc	tcc		ctc	ggg	cta	cta		ttc	cta	ctt	770
73					Leu												,,,
74		240	0,0		Leu		245	71 . Lu	DCu	niu	пси	250	Vul	F 11C	Бец	пец	
75	aat		ma+	+00	ggg	a a a		2++	+ 00	a+ a	~~~		202	~+ ~	++-	a+ a	010
75 76																	818
70 77		Ala	ASP	ser	Gly		гуѕ	тте	Ser	ьeu		тте	THE	vai	Leu		
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78					ttc												866
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85					Ser												
86			305					310					315		-1-		
87	cac	cac		aaa	gac	aac	aac		atα	CCC	аап	taa		ana	ata	a+c	1010
88					Asp												1010
89	1115	320	пор	110	АЗР	GLY	325	цуs	Mec	PIO	nys	330	1111	ALG	vaı	TTE	
90	a++		222	+	+~~	~~~											1050
	T	Ecg	aac	Lgg	tgc	geg	Lgg	LLC	e Lg	cga	atg	aag	agg	ccc	999	gag	1058
91		ьeu	ASN	тгр	Cys		rrp	rue	ьeu	arg		rÀs	Arg	Pro	GLY		
92	335					340					345					350	
93	gac	aag	gtg	cgc	ccg	gcc	tgc	cag	cac	aag	cag	cgg	cgc	tgc	agc	ctg	1106
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95					355					360					365		
96	gcc	agt	gtg	gag	atg	agc	gcc	gtg	gcg	ccg	ccg	ccc	gcc	agc	aac	ggg	1154
97	Ala	Ser	Val	Glu	Met	Ser	Ala	Val	Ala	${\tt Pro}$	${\tt Pro}$	${\tt Pro}$	Ala	Ser	Asn	Gly	

RAW SEQUENCE LISTING DATE: 01/07/2002 PATENT APPLICATION: US/09/954,936 TIME: 14:47:57

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99	а	ac d	ctg (ctg 1	tac a	atc q	ggc 1	ttc o	ege (ggc (ctg q	gac q	ggc (gtg (cac 1	tgt 🤉	gtc	1202
100		Asn	Leu	Leu	Tyr	Ile	Gly	Phe	Arg	Gly	Leu	Asp	Gly	Val	His	Cys	Val	
101				385					390					395				
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103		Pro		Pro	Asp	Ser	Gly	Val	Val	Cys	Gly	Arg	Met	Ala	Cys	Ser	Pro	
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110						435					440					445		
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115		Ala	Ala		Val	Val	Asp	Arg		Cys	Leu	Met	Ala	Phe	Ser	Val	Phe	
116				465					470					475				
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118		Thr		Ile	Cys	Thr	Ile		Ile	Leu	Met	Ser	Ala	Pro	Asn	Phe	Val	
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120										taad	cac	jcc t	tggti	tctg	ta ca	atgt	ggaaa	1544
121			Ala	Val	Ser	Lys	_	Phe	Ala									
כיניו																		
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RAW SEQUENCE LISTING DATE: 01/07/2002 PATENT APPLICATION: US/09/954,936 TIME: 14:47:57

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178	T.011	Tyr	T۱۵	Glv	Dha	Δνα		Lau	λan	C1 v	Wa 1		Cvc	Va I	Dro	шhъ
179	385	-1-	110	011	1 110	390	GLY	пец	изр	Gry	395	птэ	Cys	vai	PIU	400
180		Asp	Ser	Glv	Val		Cvs	Glv	Δτα	Mo+		Cve	Sar	Dro	Thr	
181			001	011	405		0,5	011	**** 9	410	mu	Cyb	·	110	415	1113
182	Asp	Glu	His	Leu		His	Glv	Glv	Gln		Pro	Glu	Glv	Asn		Δsn
183				420			4-1	1	425			<u></u>	011	430	110	1101
184	Leu	Ala	Lvs		Leu	Glu	Glu	Val		Tvr	Tle	Ala	Asn		Phe	Ara
185			435					440	5	-1-			445	5		5
186	Cvs	Gln	Asp	Glu	Ser	Glu	Ala		Cvs	Ser	Glu	Tro		Phe	Ala	Ala
187	•	450	•				455		-1-			460	-1-			
188	Cys	Val	Val	Asp	Arq	Leu		Leu	Met	Ala	Phe		Val	Phe	Thr	Ile
189	465				3	470	- 2 -				475					480
190	Ile	Cys	Thr	Ile	Gly	Ile	Leu	Met	Ser	Ala		Asn	Phe	Val	Glu	
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197 <212> TYPE: DNA



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199	<400>	ORGANISM: Homo Sapien SEQUENCE: 3	
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		TYPE: DNA	
		ORGANISM: Homo Sapien	
		SEQUENCE: 4	
207		gcagcatgaa ggtggtaaga gag	23
		SEQ ID NO: 5	
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		ctctcttacc accttcatgc tgc	23
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		SEQUENCE: 8	
235		ccaggcattc ggagcttgcc	20

VERIFICATION SUMMARY

DATE: 01/07/2002

PATENT APPLICATION: US/09/954,936

TIME: 14:47:59